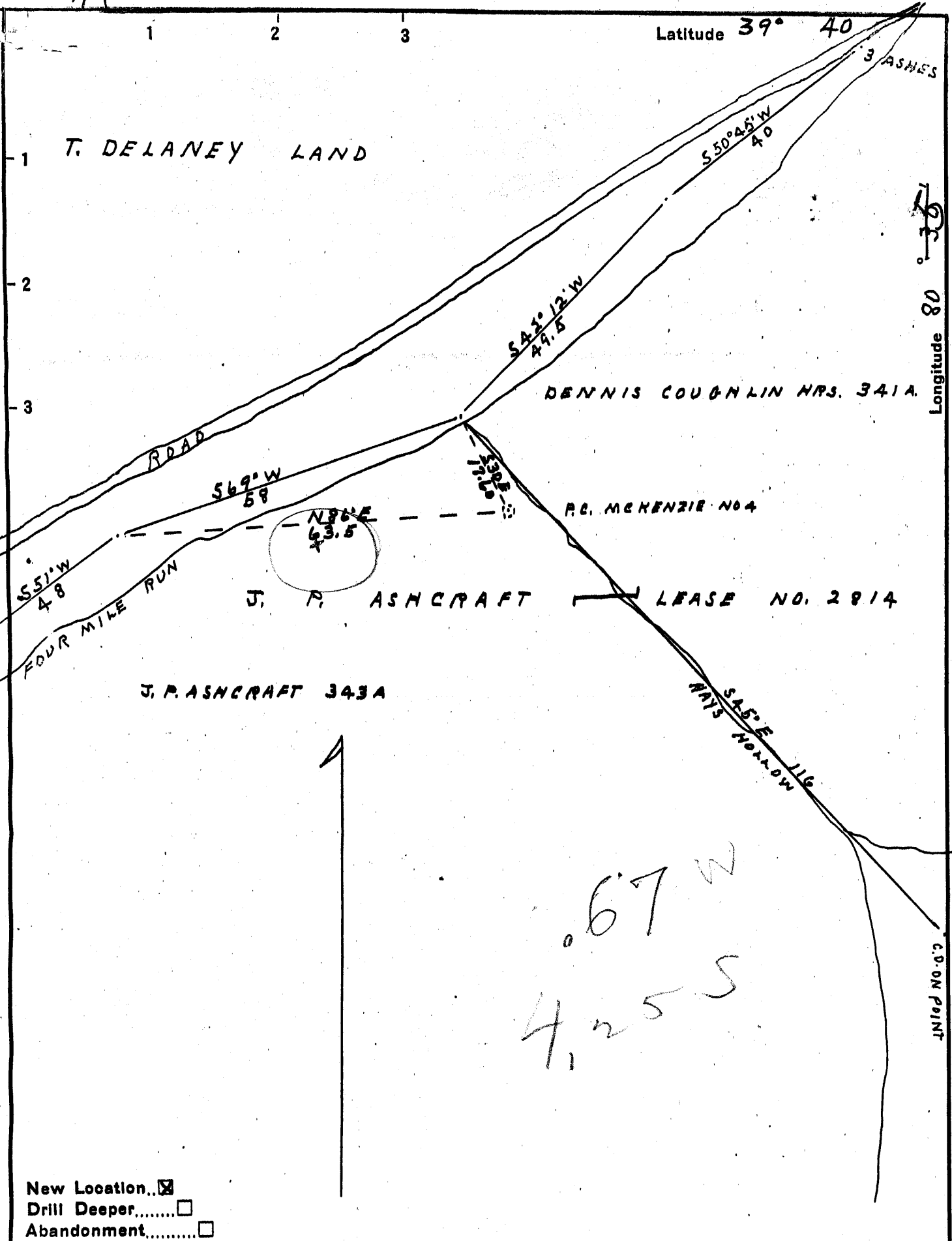


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New Location..
 Drill Deeper.....
 Abandonment.....

Company P.C. MCKENZIE CO.
 Address 3229 WILLOW AVE. CASTLE SHANNON PA.
 Farm J. P. ASHCRAFT
 Tract _____ Acres 1028 Lease No. 2814
 Well (Farm) No. 4 Serial No. _____
 Elevation (Spirit Level) 930
 Quadrangle LITTLETON - C
 County WETZEL District GRANT
 Engineer J. M. Cochran
 Engineer's Registration No. CO. SURVEYOR
 File No. _____ Drawing No. _____
 Date AUGUST 28 1953 Scale 20 P.P.D. = 1"

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Wet-389

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

6-6 45



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 7

Littleton

WELL RECORD

Permit No. WET-389

Oil or Gas Well GAS
(KIND)

Company P. C. McKenzie Co.
Address P. O. Box 10396; Pgh. 34, Pa.
Farm J. T. Ashcraft Acres 1028
Location (waters) Big Run
Well No. 4 Elev. 930
District _____ County _____

The surface of tract is owned in fee by Joseph Shiben, et al
New Martinsville, W. Va.

Mineral rights are owned by Joseph Shiben, et al
New Martinsville, W. Va.

Drilling commenced 9-4-53
Drilling completed 9-20-53

Date Shot _____ From _____ To _____
With _____

Open Flow 6 1/10ths Water in _____ 1 Inch
_____ /10ths Merc. in _____ Inch

Volume 96,000 Cu. Ft.
Rock Pressure 170 lbs. 40 hrs.

Oil _____ bbls., 1st 24 hrs.
Fresh water 35 feet 102 & 345 feet

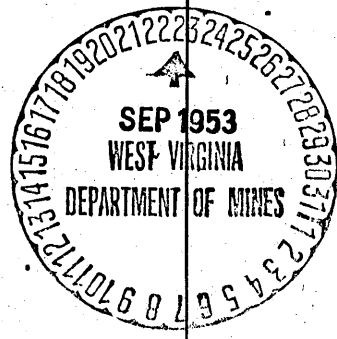
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			Size of
6%	309	309	Depth set
5 3/16	660	660	
8			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 249 FEET _____ INCHES
610 FEET _____ INCHES 709 FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	16			
Rock			16	32			
Slate			32	38	Water 35'		
Shale	Blue		38	57			
Slate			57	90			
Lime			90	102			
Sand			102	108	Hole Full Water @ 102'		
Slate			108	114			
Rock	Red		114	123			
Slate			123	136			
Lime			136	141			
Slate			141	187			
Shale	Blue		187	224			930
Sand			224	238			709
Slate			238	249			221
Coal			249	250			
Slate			250	260			
Lime			260	275			
Slate			275	294			
Sand			294	306			
Slate			306	318	Steel Line Run @ 309'		
Lime			318	330			
Lime		Gritty	330	345			
Sand			345	370	Water @ 345' (One Bailer/Hr.)		
Slate	Black		370	383			
Slate			383	390			
Lime			390	408			
Slate			408	417			
Rock	Red		417	424			
Lime			424	430			
Rock	Red		430	440			
Lime			440	518			
Rock	Red		518	524			
Shale			524	529			
Lime, Broken			529	550			
Lime			550	608			
Slate			608	610			
Coal, Mapleton			610	613			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			613	616			
Lime		Hard	616	676			
Lime, Broken			676	680	Steel Line Run @ 619'		
Lime		Very Hard	680	703			
Slate	Dark		703	707	Little Gas 704'		
Shell-Lime		Hard	707	709			
Coal, Pittsburgh			709	718	Gas 709-718'		
Slate			718	719			
Lime			719	721			
			TOTAL DEPTH				
				721'			

Date _____, 19__

APPROVED _____, Owner

By _____

(Title)